

Zoo soj: Thaum koj pom ib  
yam dab tsi siv tag nrho 5 tus  
ntxhiab . Muaj yog tsis muaj  
kev txhawj xeeb rau npaum li  
cas los tus xov tooj.



Ntau: thaum twg koj  
pom tus nqi ntawm cov  
khoom uas koj tsom  
kwm.



Inferring: Mus txog rau  
lub xaus los ntawm kev  
xav thiab cov pov thawj.



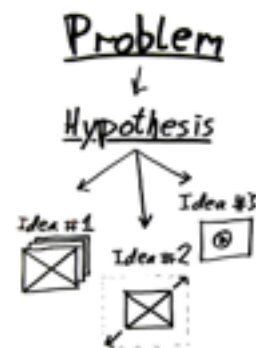
Cua: Yuav hais li cas koj  
xav hais tias yuav tshwm  
sim raws li nyob rau hauv  
ua ntej kev txawj ntse.



Raws: ib txoj kev grouping tej yam uas yog zoo xws li cov nyob rau hauv ib txoj kev. Muaj ntau ntau txoj kev los cais zoo xws li cov khoom.



Ib tug hypothesis: A tau piav rau cov tswvyim thiab cov lus nug. Tsis muaj kawm ntawv xam!



Yuav ib lub scientific kev cai lij choj los yog scientific hauv paus ntsiab lus yog ib tug cos lus los yog zauv daim ntawv ntawm ib tug kev sib raug zoo uas yog ib txwm thov nyob rau hauv tib tei vam kev mob.



Ib tug ziag: piav txog scientific pom; "Scientific theories yuav tsum falsifiable".



#### Theory Versus Law

- **Scientific Theory** - A logical explanation of observed events.  
*Example - Theory of evolution.*
- **Scientific Law** - A theory that has been tested and widely accepted as true.  
*Example - Law of thermodynamics.*

